

A METHOD OF COMPUTING PARTIAL CRCS

Abstract

A method of calculating partial CRCs on-the-fly is provided without the need for pre-computed tables and without size restrictions on data blocks or packets. The method works for both fixed and variable length data blocks by computing the remainders of the powers of two as data blocks are received, without the need for pre-computing them and storing them in a table. The method may be employed on data streams wherein the data blocks are received out-of-order.